

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN03/00522

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷ C07K7/08 ; C07K14/46; A61K38/00; A61P31/00; A61P35/00
According to International Patent Classification(IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched(classification system followed by classification symbols)

IPC⁷ C07K7/08 ; C07K14/46; A61K38/00; A61P31/00; A61P35/00

Documentation searched other than minimum documentation to the extent that such documents are included in the field searched

Electronic data base consulted during the international search(name of data base and, where practicable, search terms used)

CNPAT, EPOQUE(WPI), NCBI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant claim No. |
|-----------|---|--------------------|
| A | WO, A2, 0009553, ((BION-N) BIONEBRASKA INC, et al), 24, FEBRUARY, 2000, see the abstract. | 1—18 |
| A | WO, A1, 9503325, ((REGC) UNIV CALIFORNIA, et al), 02, FEBRUARY, 1995, see the abstract . | 1—18 |
| A | US, A, 6071879, ((OKLA) UNIV OKLAHOMA STATE), 06, JUNE, 2000, see the abstract. | 1—18 |



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A"document defining the general state of the art which is not considered to be of particular relevance

"E"earlier document but published on or after the international filing date

"L"document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason(as specified)

"O"document referring to an oral disclosure, use, exhibition or other means

"P"document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"document member of the same patent family

Date of the actual completion of the international search

10 SEPTEMBER 2003(10.09.2003)

Date of mailing of the international search report

13 NOV 2003 (13.11.03)

Name and mailing address of the ISA/

The Chinese Patent Office
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INTERNATIONAL SEARCH REPORT

Internatio: plication No.
PCT/CN03/00522

| Patent document cited in search report | Publication date | Patent family members | Publication date |
|---|---------------------|--|--|
| WO, A2, 0009553 | 24-02-2000 | JP-T-2002522556T AU-A-5564299 EP-A2-1104437 | 23-07-2002 06-03-2000 06-06-2001 |
| WO, A1, 9503325 | 02-02-1995 | AU-A-7403394 US-A-5464823 EP-A1-0711305 JP-T-9503383T | 20-02-1995 07-11-1995 15-05-1996 08-04-1997 |
| US, A, 6071879 | 06-06-2000 | NONE | |

国际检索报告

国际 号

PCT/CN03/00522

A. 主题的分类

IPC⁷ C07K7/08 ; C07K14/46; A61K38/00; A61P31/00; A61P35/00
按照国际专利分类表(IPC)或者同时按照国家分类和 IPC 两种分类

B. 检索领域

检索的最低限度文献(标明分类体系和分类号)

IPC⁷ C07K7/08 ; C07K14/46; A61K38/00; A61P31/00; A61P35/00

包含在检索领域中的除最低限度文献以外的检索文献

在国际检索时查阅的电子数据库(数据库的名称和, 如果实际可行的, 使用的检索词)

EPOQUE(WPI), CNPAT, NCBI

C. 相关文件

| 类 型* | 引用文件, 必要时, 包括相关段落的说明 | 相关的权利要求编号 |
|------|---|-----------|
| A | WO, A2, 0009553, ((BION-N) BIONEBRASKA INC, 等), 24, 2 月, 2000, 见摘要. | 1-18 |
| A | WO, A1, 9503325, ((REGC) UNIV CALIFORNIA, 等), 02, 2 月, 1995, 见摘要. | 1-18 |
| A | US, A, 6071879, ((OKLA) UNIV OKLAHOMA STATE), 06, 6 月, 2000, 见摘要. | 1-18 |

☐ 其余文件在 C 栏的续页中列出。

☐ 见同族专利附件。

* 引用文件的专用类型:

“A” 明确表示了一般现有技术、不认为是特别相关的文件
“E” 在先文件, 但是在国际申请日的同一日或之后公布的
“L” 对优先权要求可能产生怀疑或者用来确定另一篇引用文件的公布日期或其它特殊理由而引用的文件(如详细说明)
“O” 涉及口头公开、使用、展览或其他手段的文件
“P” 在国际申请日之前但迟于所要求的优先权日公布的文件

“T” 在国际申请日或优先权日之后公布的在后文件, 它与申请不相抵触, 但是引用它是为了理解构成发明基础的理论或原理

“X” 特别相关的文件: 当该文件被单独使用时, 要求保护的发明不能认为是新颖的或不能认为具有创造性

“Y” 特别相关的文件: 当该文件与其他一篇或多篇这类文件结合在一起, 这种结合对本领域技术人员是显而易见的, 要求保护的发明不能认为具有创造性

“&” 同族专利成员的文件

国际检索实际完成的日期

10 9 月 2003(10.09.2003)

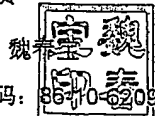
国际检索报告邮寄日期

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国际检索报告
同族专利成员的情报

国际申请号

PCT/CN03/00522

| 检索报告中引用的 专利文件 | 公布日期 | 同族专利成员 | 公布日期 |
|------------------|------------|--|--|
| WO, A2, 0009553 | 24-02-2000 | JP-T-2002522556T AU-A-5564299 EP-A2-1104437 | 23-07-2002 06-03-2000 06-06-2001 |
| WO, A1, 9503325 | 02-02-1995 | AU-A-7403394 US-A-5464823 EP-A1-0711305 JP-T-9503383T | 20-02-1995 07-11-1995 15-05-1996 08-04-1997 |
| US, A, 6071879 | 06-06-2000 | 无 | |